

Abstract

Method for producing a ceramic body having an integrated passive electronic module, such a body and use of same

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A ceramic body having a monolithic multilayer structure is generated in a multistage sintering process. In order to prevent lateral shrinkage, the body is composed of green films whose material becomes compacted in different temperature intervals. A body having a very low component tolerance is obtained in this way. A plurality of 10 different passive electronic modules can be integrated into the volume of the body. Such a body is used, for example, as substrate of a microwave module.

Figure 1

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